

DSP4, encoded by 651 base pairs

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1  ACATTCATC CCTGGGATAA ACGGACCTGG ACAACTCACT CTCTTGGTCT GTGGCTGCTG
61  CGGTACCTG GATGGGGCGAA CACCTCTGAG GCTGGCTTTG TTACCTGGGC AATAAGGGAC
121 TAGCAGTTCA GCCGTATTCT ATGCCTGCTG GATTTGTTTG TATTTGTTCC CAGCCACTGC
181 TCATGTAATG TACTCCCTTA ACCAGGAAAT TAAAGCATTG TCCCGGAATA ATCTCAGGAA
241 GCAATGCACC AGGGTGACAA CGCTAACTGG AAAGAAAATT ATAGAAACAT GGAAAGATGC
301 CAGAATTCAT GTTGTGGAAG AAGTAGAGCC GAGCAGTGGG GGTGGTTGTG GTTATGTGCA
361 GGACCTTAGC TCGGACCTGC AAGTTGGCGT TATTAAGCCA TGGTTGCTCC TAGGGTCACA
421 AGATGCTGCT CATGATTTGG ATACACTGAA AAAGAATAAG GTGACTCATA TTCTTAATGT
481 TGCATATGGA GTTGAAATG CTTTCCTCAG TGACTTTACA TATAAGAGCA TTTCTATATT
541 GGATCTGCCT GAAACCAACA TCCTGCTCTA TTTTCCAGAA TGTTTGAAT TTATTGAAGA
601 AGCAAAAGA AAGATGGAG TGGTCTTGT TCATTGTAAT GCAGGCGTTT CCAGGGCTGC
661 TGCAATTGTA ATAGGTTTCC TGATGAATTC TGAACAAACC TCATTTACCA GTGCTTTTTC
721 TTGGGTGAAA AATGCAAGAC CTTCCATATG TCCAAATTCT GGCTTCATGG AGCAGCTTCG
781 TACATATCAA GAGGGCAAAG AAGCAATAA GTGTGACAGA ATACAGGAGA ACAGTTCATG
841 AGTTGCATTG TAGCAGACAA TGGACACTG TAGTTTCTGA ATTGACTTCT ATAGCCATCT
901 TTTCCCTTTT TTGAGAGTA GACTAGCAAA AGTCCCTTTT TTCTCTTGCC TTTTATATGC
961 ATAAATGGAG GTCAATCTGA TTGTCTTGAC CTACTGTATA AGTAAATTTT AAATGTCAAT
1021 ACTTCTCTT TGTATTATA ATGTGTGATT AAATGCTTTT TTAAATTGCT AAGGGAAAT
1081 AAAAAA

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FIG.1

009040-2154560

009070-21544560

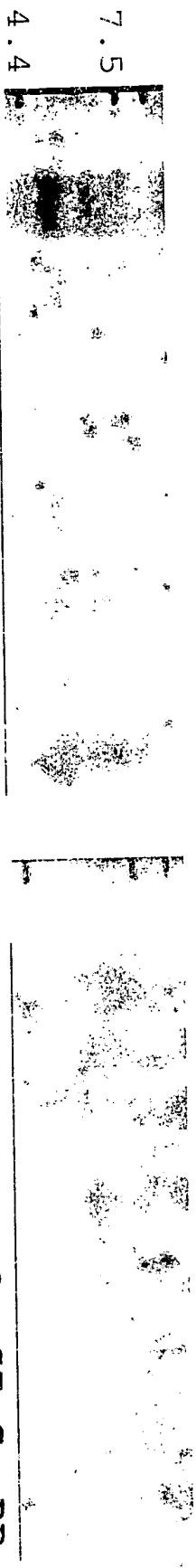
FIG.2

Translated. 217 amino acids

MYSLNQEIKAFSRNRLAKQCTRVTTLTGKKIETWKDARIHVVEEVEFSSGGGCGYVODLSSDLQVGVIKPWL
LLGSQDAAHOLDTLKCKVTHILNVAYGVENAFLSDFTYKSIISLDLPETNILSYFPECFEFEEAKRKDGVV
LVHCNAGVSRARAIVIGFLNSEQTSFTEAFSLVKARPSICPNSGMEQLRTYQEGKESNKCRIQENSS

DSP-4

• Northern blot analysis



He Br Pl Lu Li SM Ki Pa

Sp Th Pr Te Ov SI Co PB

- He = Heart • Li = Liver • Sp = Spleen • Ov = Ovaries
- Br = Brain • SM = Skel. Muscle • Th = Thymus • SI = Small Intestine
- Pl = Placenta • Ki = Kidney • Pr = Prostate • Co = Colon
- Lu = Lung • Pa = Pancreas • Te = Testis • PB = Periph. Blood